



Resistance thermometer Screw in sensor with DST- M12x1 plug Series GF-7138/S

PRODUCT FEATURES

- ✓ Resistance thermometer acc. to DIN EN 60751
- ✓ High precision platinum sensor
- ✓ High precision measuring system
- ✓ Single / double measuring system
- ✓ Vibration resistant design
- ✓ High temperature resistance
- ✓ Durable
- ✓ Process and fail safe
- ✓ Temperature and long-term stable
- ✓ ATEX version
- ✓ FDA / CE compliant version

TECHNICAL DETAILS

Core values

PT50/PT100/PT500/PT1000
KTY/NTC/PTC

Diameter

1,87 mm - 8,00 mm in standard

Form of the measuring tip

118° angled, plan, spherical

Installation length

Min. 10mm up to max. 500mm

Material

Sensor completely made of stainless steel

Process temp. at the measuring tip

Up to +200°C depending on version

Process connection

Fixed DIN 910 screw

High - quality cable types

Connection cables
All available versions

Connectivity

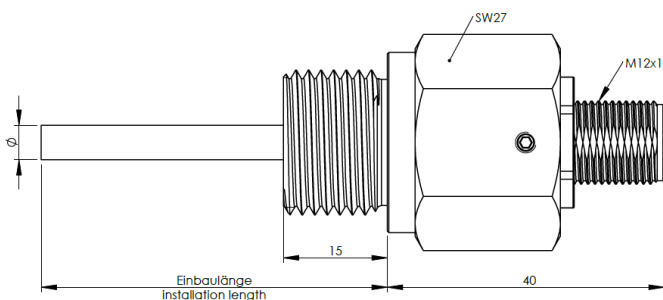
M12x1 plu connection 2-/3-/4-pole

Special version

Customized, on request

Standard version											
	GF-7138	/S									
Number of measuring systems											
1x			1								
2x			2								
Core values measuring system											
PT100 Class B			n/a								
PT100 Class A			K1.A								
PT100 Class AA			K1.AA								
PT50/PT500/KTY/NTC/PTC + Type			KTY								
Further versions on request											
Types of electrical circuits											
2-wire-circuit			n/a								
3-wire-circuit			3-L								
4-wire-circuit			4-L								
Further versions on request											
Diameter measuring tip											
1,87 mm						1,87					
2,0 mm						2,0					
3,0 mm						3,0					
6,0 mm						6,0					
Mention in mm											
Measuring tube form (check graphic below)											
Angled 118°								W			
Plan								P			
Spherical								B			
Special version											
Installation length											
50 mm								50			
Mention in mm											
Matching DIN910 screw											
G1/4									43		
G3/8									44		
G1/2									82		
G1									84		
Further versions on request											
Temperature measuring tip											
Mention in °C										400°C	
Order code (example)	→	GF-7138	/S	1	K1.A.	3-L.	6,0.	P.	50.	43.	400°C

MEASURES



DIGITAL DATA
2D, 3D und CAD

[to Download](#)